

545oneDrive2_00014803

Options to Reduce Cost

- Delay testing of CRC fuels: \$195,000
- Reduce the number of test fuels
 - Reduction of the number of fuels by 1-2 would drop the G-efficiency of emission models below the minimum acceptable limit of 50%
 - The emphasis of this program is on fuels, not vehicles
- Reduce the number test vehicles
 - Reduction of the number of vehicles from 19 to 15 doubles the probability of getting a non-significant result in emission models. The power of the statistical test of 0.80 is the lowest acceptable in std practice (0.95 was used in AutoOil)
 - We are working with DOE on vehicle selection
 - Reducing the number of test replicates from 2 to 1 has an even stronger impact
- Eliminate continuous THC, NOx.... measurements in raw exhaust
 - Would make critical types of information unavailable
 - Minimal savings
- Reduce the scope of exhaust HC speciation
 - The cost of HC and alcohol/carbonyl speciation: **Ex. 4 - CBI**

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– Minimal savings

3 vehicles - 3 bags - need to keep -
16 - ~~big~~ 1 types are being
emitted
could reduce a few, but how much help?
20P need w/c fuels 17-19 no good
can't say anything on by now